



Application No.: 09/858,382

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Specification:

Paragraph [0017] on page 5 and paragraph [0022] on page 6 have been amended as follows:

[0017] FIGURES 2A - D show [is] a table of Walsh codes used by the Walsh code allocator in accordance with aspects of the present invention.

[0022] With reference to FIGURES 2A - D, in accordance with aspects of the present invention, an exemplary table or matrix including all the Walsh codes used by the Walsh code allocator **20** is shown. Optionally, the table is a look up table (LUT) accessed by the allocator **20**. Six Walsh code sizes are used, namely, W^4 , W^8 , W^{16} , W^{32} , W^{64} and W^{128} . The various sizes correspond to the table columns. Within each size there are a number of orthogonal Walsh codes, the number being equal to the size. That is, W^4 includes 4 Walsh codes which are mutually orthogonal to one another and each has a bit length of 4, they are individually referenced by $k = 0, 1, 2$ and 3 ; W^8 includes 8 Walsh codes which are mutually orthogonal to one another and each has a bit length of 8, they are individually referenced by $k = 0, 1, 2, 4, 5, 6$ and 7 ; and so on for each size.

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